

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-71

WASTE DISCHARGE REQUIREMENTS
FOR
HYDRAULIC DREDGING IN BEL MARIN KEYS
BY THE BEL MARIN COMMUNITY SERVICES
DISTRICT, MARIN COUNTY

The California Regional Water Quality Control board, San Francisco Bay Region, finds that:

- A. The Bel Marin Community Services District, called the discharger below, filed a Report on Waste Discharge dated June 2, 1972.
- B. The discharger intends to dredge certain areas of Bel Marin Keys and Novato Creek to a depth of 6 feet below mean sea level. The total amount dredged will be 228,000 cubic yards of mud and siltation. The dredge spoil will be placed in three settling basins, two discharging to Novato Creek and one to Bel Marin Keys Lagoon. There will be a return flow of approximately 5.0 million gallons per day during the dredging operation.
- C. The Board adopted an interim water quality control plan for the San Francisco Bay Basin on June 14, 1971.
- D. The beneficial uses of Novato Creek, Bel Marin Keys Lagoon, and contiguous waters are:
 - Swimming and wading
 - Fishing, hunting, boating, and marinas
 - Fish, shellfish, and wildlife propagation and sustenance, and waterfowl and migratory birds habitat and resting.
 - Esthetic appeal.
- E. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
- F. The Board in a public meeting on September 26, 1972 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Waste Discharge Specifications

1. The dredging or disposal of wastes shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The dredging or disposal of wastes shall not cause:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place more than 10 feet from the dredge;
 - b. Bottom deposits or aquatic growths in waters of the State at any place;
 - c. Alteration of apparent color beyond present natural background levels in waters of the State at any place more than 10 feet from the dredge;
 - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin in waters of the State at any place.
 - e. Waters of the State to exceed the following limits of quality at any point:

pH	7.0 minimum 8.5 maximum
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Dissolved oxygen	5.0 mg/l minimum
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When natural factors cause lesser concentrations then this discharge shall not cause further reduction in the concentration of dissolved oxygen.

Dissolved sulfide	0.1 mg/l maximum
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Other substances	any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption.
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- f. The turbidity of the waters of the State at any point beyond 100 feet from the point of discharge to increase above background levels by more than the following:

Receiving Water Background	Incremental Increase
<50 Units	5 Units, maximum
50-100 Units	10 Units, maximum

>100 Units

10% of Background, maximum

3. The waste as discharged to the waters of the State shall meet the following quality limits at all times:

- a. Settleable matter 1.0 ml/l/hr. maximum

B. Provisions

1. This Order includes items numbered 1, 6, and 7 of the attached "Reporting Requirements" dated August 28, 1970.
2. This Order includes items numbered 1, 2, 3, 4, 5, and 6 of the attached "Notifications" dated January 6, 1970.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on September 26, 1972.

Executive Officer